Seminar Announcement

Speaker: Ali YAZICI
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JMathNorm: A Database Normalization Tool using Mathematica

Abstract

This talk is about designing a complete interactive tool, named JMathNorm, for relational database (RDB) normalization using Mathematica. The tool developed in this study is complete and can be used for real-time database design as well as an aid in teaching fundamental concepts of DB normalization to students with limited mathematical background. JMathNorm also supports interactive use of modules for experimenting the fundamental set operations such as closure, and full closure together with modules to obtain the minimal cover of the functional dependency set and testing an attribute for a candidate key. JMathNorm's GUI interface is written in Java and utilizes Mathematica's JLink facility to drive the Mathematica kernel.

DATE: June 25, 2015
TIME: 15:40
PLACE: Cengiz YENER M Conference Hall

All interested people are cordially invited.
After the seminar, some cookies and soft drinks will be served.